

Attorney's Docket No. 5649-912

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Sang-bom Kang et al.

Serial No.: To Be Assigned

Filed: Concurrently Herewith

For: INTEGRATED CIRCUIT DEVICE CONTACT PLUGS HAVING A LINER LAYER  
THAT EXERTS COMPRESSIVE STRESS THEREON AND METHODS OF  
MANUFACTURING SAME

Date: January 16, 2002

BOX PATENT APPLICATION

Commissioner for Patents

Washington, DC 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

Attached is a list of documents on form PTO-1449 together with a copy of each identified document. It is requested that these documents be considered by the Examiner and officially made of record in accordance with the provisions of 37 C.F.R. § 1.97 and Section 609 of the MPEP. The Commissioner is hereby authorized to charge any additional fee, which may be required, or credit any refund, to our Deposit Account No. 50-0220.

Respectfully submitted,



D. Scott Moore

Registration No. 42,011



20792

PATENT TRADEMARK OFFICE

Tel (919) 854-1400

Fax (919) 854-1401

CERTIFICATE OF EXPRESS MAILING

"Express Mail" mailing label number EL 733099191 US

Date of Deposit: January 16, 2002

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to BOX PATENT APPLICATION, Commissioner for Patents, Washington, DC 20231.



Candi L. Riggs

Date of Signature: January 16, 2002





01-18-02

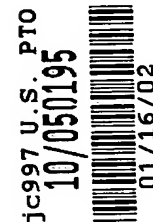
A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

ATTY DOCKET NO.: 5649-912

DATE: January 16, 2002



UTILITY PATENT APPLICATION TRANSMITTAL LETTER  
AND FEE TRANSMITTAL FORM (37 CFR 1.53(b))

BOX PATENT APPLICATION

Commissioner for Patents

Washington, DC 20231

Sir:

Transmitted herewith for filing under 37 CFR 1.53(b) is:

- ☒ a patent application  
☐ a Continuation ☐ a Divisional ☐ a Continuation-in-Part (CIP) Application of prior application no.: \_\_\_\_\_; filed \_\_\_\_\_, the disclosure of which is hereby incorporated herein by reference in its entirety.  
☐ and claims the benefit of Provisional Application No. \_\_\_\_\_; filed \_\_\_\_\_.

Inventor(s) or Application Identifier:

Sang-bom Kang – Seoul, Republic of Korea  
Seong-geon Park – Kyungki-do, Republic of Korea  
Chang-won Lee – Kyungki-do, Republic of Korea  
Gil-heyun Choi – Kyungki-do, Republic of Korea

Entitled: **INTEGRATED CIRCUIT DEVICE CONTACT PLUGS HAVING A LINER LAYER THAT EXERTS COMPRESSIVE STRESS THEREON AND METHODS OF MANUFACTURING SAME**

Correspondence Address:



20792

PATENT TRADEMARK OFFICE

Enclosed are:

1. ☒ Application Transmittal Letter and Fee Transmittal Form (*A duplicate is enclosed for fee processing*)
2. ☒ 18 pages of Specification (including 44 claims)
3. ☒ 6 sheets of Formal Drawings (35 USC 113)
4. ☒ Oath or Declaration
  - a. ☒ newly executed (*original or copy*)
  - b. ☐ copy from prior application (37 CFR 1.63(d) (*for continuation/divisional*)) [Note Box 6 Below]
  - c. ☐ DELETION OF INVENTOR(S) (*Signed statement deleting inventor(s) named in the prior application*)
5. ☐ Application Data Sheet. See 37 CFR 1.76
6. ☐ Incorporation By Reference (*useable if box 4b is checked*)

The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

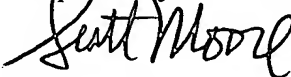
7. ☐ Microfiche Computer Program (*Appendix*) ✓  
 8. ☒ Assignment papers (*cover sheet(s) and document(s)*)  
 9. ☐ Applicant claims small entity status. See 37 CFR 1.27.  
 10. ☒ Information Disclosure Statement, PTO-1449, and 2 references cited  
 11. ☐ Preliminary Amendment (*Please enter all claim amendments prior to calculating the filing fee.*)  
 12. ☐ English Translation Document  
 13. ☒ Certified Copy of Korean Application No. 2001-2639; Filed January 17, 2001  
 14. ☐ Sequence Listing/ Sequence Listing Diskette  
     a. ☐ computer readable copy  
     b. ☐ paper copy  
     c. ☐ statement in support  
 15. ☐ An Associate Power of Attorney  
 16. ☒ Return Receipt Postcard (MPEP 503) (*Should be specifically itemized*)  
 17. ☐ Other:

The fee has been calculated as shown below:

	Column 1 No. Filed	Column 2 No. Extra	Small Entity Rate      Fee	Large Entity Rate      Fee
<b>BASIC FEE</b>			\$370.00	\$ 740.00
<b>TOTAL CLAIMS</b>	<b>44 - 20 =</b>	<b>24</b>	x 09 = \$	x 18 = \$432.00
<b>INDEP CLAIMS</b>	<b>4 - 3 =</b>	<b>1</b>	x 42 = \$	x 84 = \$84.00
<input type="checkbox"/> <b>MULTIPLE Dependent Claims Presented</b>			+ 140 = \$	+ 280 = \$
<i>If the difference in Col. 1 is less than zero, Enter "0" in Col. 2</i>			<b>Total \$</b>	<b>Total \$1,256.00</b>

- ☐ A check in the amount of \$      to cover the filing fee is enclosed.  
☒ A check in the amount of \$1,296.00 is enclosed to cover the filing fee, PLUS the Assignment Recordation fee (\$40.00).  
☐ Please charge my Deposit Account No. 50-0220 in the amount of \$      .  
☒ The Commissioner is hereby authorized to credit overpayments or charge the following fees associated with this communication to Deposit Account No. 50-0220:  
     a. ☒ Additional filing fees under 37 CFR 1.16 for presentation of extra claims.  
     b. ☒ Additional patent application processing fees under 37 CFR 1.17.

Respectfully submitted,



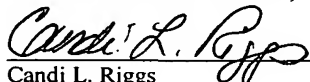
D. Scott Moore  
 Registration No. 42,011

#### CERTIFICATE OF EXPRESS MAILING

Express Mail Label No. EL 733099191 US

Date of Deposit: January 16, 2002

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: BOX PATENT APPLICATION, Commissioner for Patents, Washington, DC 20231.



Candi L. Riggs

Date of Signature: January 16, 2002